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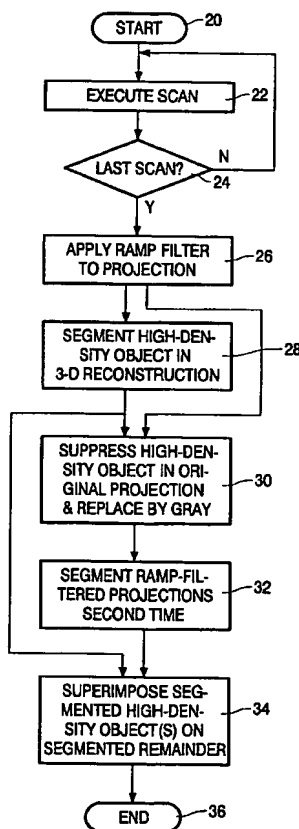
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[Continued on next page]

(54) Title: METHOD AND APPARATUS FOR GENERATING IMPROVED COMPUTER TOMOGRAPHY IMAGES OF NATURAL TISSUES



(57) Abstract: A method is disclosed for generating images of a human or animal body on the basis of 3D-reconstructions from 3D-XRAY or 3D-Computer Tomography measurements, which bodies comprise both natural tissue and one or more high-density objects. The method comprises the steps of executing the measurements, distinguishing the one or more high-density objects and executing a separating procedure thereon for generating an improved image of regions of the natural tissue. In particular, the method comprises the following steps: applying a ramp filter on the various projection measurements to single out the one or more high-density objects; segmenting the singled-out one or more high-density objects into a separate 3D reconstruction; suppressing the reconstructed one or more high-density objects from the original projection measurements; and segmenting said projection measurements without the suppressed one or more high-density objects.

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EPO-Internal; WPI Data, INSPEC, PAJ, IBM-TDB

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 125 193 A (HAN KYUNG S) 26 September 2000 (2000-09-26) column 3, line 54 - column 4, line 44; figure 3	1-6
A	US 5 561 695 A (HU HUI) 1 October 1996 (1996-10-01) column 2, line 30 - line 45	1-6
A	US 6 018 561 A (TAM KWOK) 25 January 2000 (2000-01-25) claim 1	1, 4
A	US 5 438 602 A (CRAWFORD CARL R ET AL) 1 August 1995 (1995-08-01)	

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Information on patent family members

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